

## APPENDIX 2 (A Template)

[Java EJB imports]  
//[Java EJB imports]  
package com.testmybeans.client;  
import javax.naming.InitialContext;  
import javax.naming.Context;  
import javax.naming.NamingException;  
import java.rmi.RemoteException;  
import java.util.\*;  
import java.io.\*;

[Hello imports]  
//[Hello imports]  
import com.softbridge.hello.HelloHome;  
import com.softbridge.hello.Hello;  
import com.softbridge.hello.HelloPK;

[TestThread header]  
//[TestThread header]  
public class \$system.programName\$ extends Thread  
{  
int tempInt=0;  
Double tempDouble=new Double(0.0);  
Float tempFloat=new Float(0.0);  
short tempShort=0;  
long tempLong=0;  
String tempString="";  
long sTime=0;  
long sStartTime=0;  
int m\_instanceNumber = 0;  
static String m\_urlName = null;  
String threadNumber="";  
public \$system.programName\$(int inst, String url)  
{  
m\_instanceNumber = inst;

```
m_urlName = url;  
threadNumber=Integer.toString(m_instanceNumber);  
//System.out.println("Starting Instance: " + m_instanceNumber);  
}
```

[TestThread.run implementation]

//[TestThread.run implementation]

```
public void run()  
{
```

```
sTime = new Date().getTime();
```

```
sStartTime=sTime;
```

```
logError("elapsedStart", Long.toString(new Date().getTime()), "", "");
```

[Bean end create]

//[Bean end create]

```
}
```

```
catch (Exception e)
```

```
{
```

```
logError("except", "beanMethods", e.toString(), "");
```

```
}
```

```
finally
```

```
{
```

```
try
```

```
{
```

```
closeLog();
```

```
h.remove ();
```

```
h = null;
```

```
}
```

```
catch (Exception e)
```

```
{
```

```
logError("except", "closeHome", e.toString(), "");
```

```
}
```

```
}
```

```
}
```

[Bean end findByPrimaryKey]

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```
//[Bean end findByPrimaryKey]
}
catch (Exception e)
{
logError("except", "beanMethods", e.toString(), "");
}
finally
{
try
{
closeLog();
h = null;
}
catch (Exception e)
{
logError("except", "closeHome", e.toString(), "");
}
}

[Log to disk]
//[Log to disk]
public void logError(String key, String functionName, String expected, String actual)
{
try
{
String elapsedTime = Long.toString(new Date().getTime() - sTime);
com.testmybeans.client.CThreadWriter.write(key + "~" + functionName + "~" + expected
+ "~" + actual + "~" + elapsedTime + "~" + threadNumber);
}
catch (Exception e)
{
System.out.println("IOException: " + e.getMessage());
System.exit(1);
}
}
```

}

[Close log]

//[Close log]

public void closeLog()

{

sTime=sStartTime;

logError("elapsedEnd", Long.toString(new Date().getTime()), "", "");

}

~

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